# Author Index to Volume 15

## Key to Pagination

| *Issue No.* | *Month* | *Pages* | *Issue No.* | *Month* | *Pages* |
|---|---|---|---|---|---|
| 1 | January | 1–94 | 4 | July | 357–481 |
| 2 | March | 95–231 | 5 | September | 483–584 |
| 3 | May | 233–355 | 6 | November | 585–669 |

## ARTICLES


Acredolo, Linda P. Laboratory versus home: The effect of environment on the 9-month-old infant's choice of spatial reference system ..... 666

Adams, Roderick E., and Passman, Richard H. Effects of visual and auditory aspects of mothers and strangers on the play and exploration of children ..... 269

Ahlgren, Andrew, and Johnson, David W. Sex differences in cooperative and competitive attitudes from the 2nd through the 12th grades ..... 45

Allen, Gary L. *See* Siegel, Alexander W.

Anooshian, Linda J., and McCulloch, Ronnie A. Developmental changes in dichotic listening with categorized word lists ..... 280

Asher, Steven R., Singleton, Louise C., Tinsley, Barbara R., and Hymel, Shelley. A reliable sociometric measure for preschool children ..... 443

Balling, John D. *See* Flanery, Randall C.

Balow, Bruce. *See* Rubin, Rosalyn A.

Barnett, Mark A., King, Laura M., and Howard, Jeffrey A. Inducing affect about self or other: Effects on generosity in children ..... 164

Barnett, Mark A., Matthews, Karen A., and Howard, Jeffrey A. Relationship between competitiveness and empathy in 6- and 7-year-olds ..... 221

Beagles-Roos, Jessica, and Greenfield, Patricia Marks. Development of structure and strategy in two-dimensional pictures ..... 483

Becker, Judith A., Rosner, Sue R., and Nelson, Katherine. Stimulus mode and concept formation in preschool children ..... 218

Belsky, Jay. Mother–father–infant interaction: A naturalistic observational study ..... 601

Berman, Linda. *See* Yussen, Steven R.

Berndt, Thomas J. Developmental changes in conformity to peers and parents ..... 608

Berndt, Thomas J. Lack of acceptance of reciprocity norms in preschool children ..... 662

Blakemore, Judith E. O., LaRue, Asenath A., and Olejnik, Anthony B. Sex-appropriate toy preference and the ability to conceptualize toys as sex-role related ..... 339

Blanchard, Marie, and Main, Mary. Avoidance of the attachment figure and social–emotional adjustment in day-care infants ..... 445

Boothby, Rita. *See* Eisenberg-Berg, Nancy.

Borduin, Charles M. *See* Henggeler, Scott W.

Bornstein, Marc H. Effects of habituation experience on posthabituation behavior in young infants: Discrimination and generalization among colors ..... 348

Bowen, Robert. *See* Elkind, David.

Bradley, Robert H., Caldwell, Bettye M., and Elardo, Richard. Home environment and cognitive development in the first 2 years: A cross-lagged panel analysis ..... 246

Brainerd, Charles J. *See* Burns, Susan M.

Brodzinsky, David M., Tew, John D., and Palkovitz, Robin. Control of humorous affect in relation to children's conceptual tempo ..... 275

Buckley, Norman, Siegel, Linda S., and Ness, Steven. Egocentrism, empathy, and altruistic behavior in young children ..... 329

Bugental, Daphne Blunt, and Moore, Bert S. Effects of induced moods on voice affect ..... 664

Burns, Susan M., and Brainerd, Charles J. Effects of constructive and dramatic play on perspective taking in very young children ..... 512

Butler, David C., and Miller, Leon K. Role of order of approximation to English and letter array length in the development of visual laterality ..... 522

Caldwell, Bettye M. *See* Bradley, Robert H.
Capon, Noel, and Kuhn, Deanna. Logical reasoning in the supermarket: Adult females' use of a proportional reasoning strategy in an everyday context ..... 450
Carothers, Thomas, and Gardner, Howard. When children's drawings become art: The emergence of aesthetic production and perception ..... 570
Carter, Gregory L., and Kinsbourne, Marcel. The ontogeny of right cerebral lateralization of spatial mental set ..... 241
Casey, M. Beth. Color versus form discrimination learning in 1-year-old infants ..... 341
Clewett, Ann S. *See* Friedrich-Cofer, Lynette K.
Clifton, Rachel K. *See* Field, Tiffany M.
Cocking, Rodney R. *See* Emmerich, Walter.
Collins, W. Andrew. *See* Newcomb, Andrew F.
Cramer, Phebe. Defense mechanisms in adolescence ..... 476

Dean, Anne L. Patterns of change in relations between children's anticipatory imagery and operative thought ..... 153
Dean, Anne L., and Harvey, Wade O. An information-processing analysis of a Piagetian imagery task ..... 474
Degelman, Douglas, and Rosinski, Richard. Motion parallax and children's distance perception ..... 147
Dempsey, Jean R. *See* Field, Tiffany M.
Denney, Nancy Wadsworth. *See* Misrachi, Evelyne.
Dickson, W. Patrick. Referential communication performance from age 4 to 8: Effects of referent type, context, and target position ..... 470
Douglas, Joan Delahanty, and Rice, Kristine M. Sex differences in children's anxiety and defensiveness measures ..... 223
Duke, Marshall. *See* Nowicki, Stephen, Jr.

Eaton, Warren O. Profile approach to longitudinal data: Test anxiety and success–failure experience ..... 344
Eckerman, C. O., Whatley, J. L., and McGehee, L. J. Approaching and contacting the object another manipulates: A social skill of the 1-year-old ..... 585
Eisenberg-Berg, Nancy. Development of children's prosocial moral judgment ..... 128
Eisenberg-Berg, Nancy. Relationship of prosocial moral reasoning to altruism, political liberalism, and intelligence ..... 87
Eisenberg-Berg, Nancy, Boothby, Rita, and Matson, Tom. Correlates of preschool girls' feminine and masculine toy preferences ..... 354
Eisenberg-Berg, Nancy, and Geisheker, Elizabeth. Content of preachings and power of the model/preacher: The effect on children's generosity ..... 168
Eisenberg-Berg, Nancy, Haake, Robert, Hand, Michael, and Sadalla, Edward. Effects of instructions concerning ownership of a toy on preschoolers' sharing and defensive behaviors ..... 460
Eisenberg-Berg, Nancy, and Neal, Cynthia. Children's moral reasoning about their own spontaneous prosocial behavior ..... 228
Elardo, Richard. *See* Bradley, Robert H.
Elkind, David, and Bowen, Robert. Imaginary audience behavior in children and adolescents ..... 38
Emmerich, Helen Jones. Developmental differences in ratings of meaningfulness, concreteness, and picturability ..... 464
Emmerich, Walter, Cocking, Rodney R., and Sigel, Irving E. Relationships between cognitive and social functioning in preschool children ..... 495
Erwin, Joan, and Kuhn, Deanna. Development of children's understanding of the multiple determination underlying human behavior ..... 352

Feldman, S. Shirley, and Nash, Sharon Churnin. Sex differences in responsiveness to babies among mature adults ..... 430
Field, Tiffany M., Dempsey, Jean R., Hatch, Judy, Ting, George, and Clifton, Rachel K. Cardiac and behavioral responses to repeated tactile and auditory stimulation by preterm and term neonates ..... 406
Flanery, Randall C., and Balling, John D. Developmental changes in hemispheric specialization for tactile spatial ability ..... 364
Flavell, John H. *See* Speer, James Ramsey.

Friedrich-Cofer, Lynette K., Huston-Stein, Aletha, Kipnis, Dorothy McBride, Susman, Elizabeth J., and Clewett, Ann S. Environmental enhancement of prosocial television content: Effects on interpersonal behavior, imaginative play, and self-regulation in a natural setting ..... 637
Froming, William J., and McColgan, Edgar B. Comparing the defining issues test and the moral dilemma interview ..... 658

Gaiter, Juarlyn L. *See* Jennings, Kay D.
Gardner, Howard. *See* Carothers, Thomas.
Geffen, Gina. *See* Sexton, Michael A.
Geffen, Gina, and Wale, Jocelyn. Development of selective listening and hemispheric asymmetry ..... 138
Geisheker, Elizabeth. *See* Eisenberg-Berg, Nancy.
George, Linda K. *See* Siegler, Ilene C.
Georgiou, Susan. *See* Ray, William J.
Gove, Frederick L., and Keating, Daniel P. Empathic role-taking precursors ..... 594
Greenfield, Patricia Marks. *See* Beagles-Roos, Jessica.
Grusec, Joan E., Kuczynski, Leon, Rushton, J. Philippe, and Simutis, Zita M. Learning resistance to temptation through observation ..... 233
Gutmann, Arlyne J., and Turnure, James E. Mothers' production of hand gestures while communicating with their preschool children under various task conditions ..... 197

Haake, Robert. *See* Eisenberg-Berg, Nancy.
Haake, Robert J. *See* Wellman, Henry M.
Hand, Michael. *See* Eisenberg-Berg, Nancy.
Harmon, Robert J. *See* Jennings, Kay D.
Harvey, Susan E., and Liebert, Robert M. Abstraction, inference, and acceptance in children's processing of an adult model's moral judgments ..... 552
Harvey, Wade O. *See* Dean, Anne L.
Hatch, Judy. *See* Field, Tiffany M.
Hay, Dale F. Cooperative interactions and sharing between very young children and their parents ..... 647
Helmreich, Robert L. *See* Spence, Janet T.
Henderson, Bruce, and Moore, Shirley G. Measuring exploratory behavior in young children: A factor-analytic study ..... 113
Henggeler, Scott W., Borduin, Charles M., Rodick, J. Douglas, and Tavormina, Joseph B. Importance of task content for family interaction research ..... 660
Herzberger, Sharon D., Linney, Jean Ann, Seidman, Edward, and Rappaport, Julian. Preschool and Primary Locus of Control Scale: Is it ready for use? ..... 320
Hill, Linda A. *See* Yarczower, Matthew.
Hill, Suzanne D. *See* Kenney, Martha D.
Hom, Harry L., Jr., and Maxwell, Fred R., Jr. Methodological considerations in the forbidden toy paradigm ..... 654
Howard, Jeffrey A. *See* Barnett, Mark A.
Howes, Carollee. *See* Rubenstein, Judith L.
Huston-Stein, Aletha. *See* Friedrich-Cofer, Lynette K.
Hyde, Janet Shibley, and Phillis, Diane E. Androgyny across the life span ..... 334
Hymel, Shelley. *See* Asher, Steven R.

Jennings, Kay D., Harmon, Robert J., Morgan, George A., Gaiter, Juarlyn L., and Yarrow, Leon J. Exploratory play as an index of mastery motivation: Relationships to persistence, cognitive functioning, and environmental measures ..... 386
Johnson, David W. *See* Ahlgren, Andrew.
Johnson, Peder J. *See* Toppino, Thomas C.
Joniak, Andrew J. *See* Moran, Joseph J.

Kail, Robert. Use of strategies and individual differences in children's memory ..... 251
Kalle, Robert J. *See* Suls, Jerry.
Keating, Daniel P. *See* Gove, Frederick L.
Kenney, Martha D., Mason, William A., and Hill, Suzanne D. Effects of age, objects, and visual experience on affective responses of rhesus monkeys to strangers ..... 176

Kilbride, Janet E. *See* Yarczower, Matthew.
King, Laura M. *See* Barnett, Mark A.
Kinsbourne, Marcel. *See* Carter, Gregory L.
Kipnis, Dorothy McBride. *See* Friedrich-Cofer, Lynette K.
Kirasic, Kathleen C. *See* Siegel, Alexander W.
Kleinke, Chris L., and Nicholson, Tara A. Black and white children's awareness of de facto race and sex differences ..... 84
Kleinman, Joel M. Developmental changes in haptic exploration and matching accuracy ..... 480
Kreitzberg, Valerie S. *See* Lewis, Michael.
Kuczynski, Leon. *See* Grusec, Joan E.
Kuhn, Deanna. *See* Capon, Noel.
Kuhn, Deanna. *See* Erwin, Joan.
Kurdek, Lawrence A. *See* Larson, Sandra.

Lachman, Janet L., Lachman, Roy, and Thronesbery, Carroll. Metamemory through the adult life span ..... 543
Lachman, Roy. *See* Lachman, Janet L.
Larson, Sandra, and Kurdek, Lawrence A. Intratask and intertask consistency of moral judgment indices in first-, third-, and fifth-grade children ..... 462
LaRue, Asenath A. *See* Blakemore, Judith E. O.
Leahy, Robert L. Development of conceptions of prosocial behavior: Information affecting rewards given for altruism and kindness ..... 34
Lee, Nancy D. *See* Toppino, Thomas C.
Levin, Joel R. *See* Yussen, Steven R.
Lewis, Michael, and Kreitzberg, Valerie S. Effects of birth order and spacing on mother–infant interactions ..... 617
Liben, Lynn S. *See* Trepanier, Mary L.
Liebert, Robert M. *See* Harvey, Susan E.
Linney, Jean Ann. *See* Herzberger, Sharon D.
Lytton, Hugh. Disciplinary encounters between young boys and their mothers and fathers: Is there a contingency system? ..... 256

Main, Mary. *See* Blanchard, Marie.
Main, Mary, Tomasini, Lisa, and Tolan, William. Differences among mothers of infants judged to differ in security ..... 472
Marcus, Robert F., Telleen, Sharon, and Roke, Edward J. Relation between cooperation and empathy in young children ..... 346
Mason, Susan E. Effects of orienting tasks on the recall and recognition performance of subjects differing in age ..... 467
Mason, William A. *See* Kenney, Martha D.
Matson, Tom. *See* Eisenberg-Berg, Nancy.
Matthews, Karen A. *See* Barnett, Mark A.
Maxwell, Fred R., Jr. *See* Hom, Harry L., Jr.
McCall, Robert B. Individual differences in the pattern of habituation at 5 and 10 months of age ..... 559
McColgan, Edgar B. *See* Froming, William J.
McCulloch, Ronnie A. *See* Anooshian, Linda J.
McGehee, L. J. *See* Eckerman, C. O.
Meilman, Philip W. Cross-sectional age changes in ego identity status during adolescence ..... 230
Milewski, Allen E. Visual discrimination and detection of configurational invariance in 3-month infants ..... 357
Miller, Leon K. *See* Butler, David C.
Misrachi, Evelyne, and Denney, Nancy Wadsworth. Developmental study of foreign language pronunciation ..... 458
Molfese, Dennis L., and Molfese, Victoria J. Hemisphere and stimulus differences as reflected in the cortical responses of newborn infants to speech stimuli ..... 505
Molfese, Victoria J. *See* Molfese, Dennis L.
Moore, Bert S. *See* Bugental, Daphne Blunt.
Moore, Shirley G. *See* Henderson, Bruce.
Moran, Joseph J., and Joniak, Andrew J. Effect of language on preference for responses to a moral dilemma ..... 337
Morgan, George A. *See* Jennings, Kay D.
Moshman, David. Development of formal hypothesis-testing ability ..... 104
Myers, Nancy Angrist. *See* Perlmutter, Marion.

Nash, Sharon Churnin. *See* Feldman, S. Shirley.
Neal, Cynthia. *See* Eisenberg-Berg, Nancy.
Nelson, Katherine. *See* Becker, Judith A.
Ness, Steven. *See* Buckley, Norman.
Newcomb, Andrew F., and Collins, W. Andrew. Children's comprehension of family role portrayals in televised dramas: Effects of socioeconomic status, ethnicity, and age ..... 417
Nicholson, Tara A. *See* Kleinke, Chris L.
Novak, Melinda A. Social recovery of monkeys isolated for the first year of life: II. Long-term assessment ..... 50
Nowicki, Stephen, Jr., and Duke, Marshall. Preschool and Primary Locus of Control Scale: A reply ..... 325

Okun, Morris A. *See* Siegler, Ilene C.
Olejnik, Anthony B. *See* Blakemore, Judith E. O.

Palkovitz, Robin. *See* Brodzinsky, David M.
Palm, Jane. *See* Yussen, Steven R.
Palmquist, Wendy Jean. Formal operational reasoning and the primacy effect in impression formation ..... 185
Paris, Scott G. *See* Schmidt, Constance R.
Parke, Ross D. *See* Sawin, Douglas B.
Passman, Richard H. *See* Adams, Roderick E.
Perlmutter, Marion, and Myers, Nancy Angrist. Development of recall in 2- to 4-year-old children ..... 73
Perner, Josef. Young children's preoccupation with their own payoffs in strategic analysis of 2 × 2 games ..... 204
Phillis, Diane E. *See* Hyde, Janet Shibley.
Plomin, Robert, and Rowe, David C. Genetic and environmental etiology of social behavior in infancy ..... 62

Ramsay, Douglas S. Manual preference for tapping in infants ..... 437
Rappaport, Julian. *See* Herzberger, Sharon D.
Ravizza, Richard. *See* Ray, William J.
Ray, William J., Georgiou, Susan, and Ravizza, Richard. Spatial abilities, sex differences, and lateral eye movements ..... 455
Rice, Kristine M. *See* Douglas, Joan Delahanty.
Richards, Boyd S. *See* Walker, Lawrence J.
Richards, D. Dean. *See* Siegler, Robert S.
Rodick, J. Douglas. *See* Henggeler, Scott W.
Roke, Edward J. *See* Marcus, Robert F.
Rose, David. *See* Wertlieb, Donald.
Rosinski, Richard. *See* Degelman, Douglas.
Rosner, Sue R. *See* Becker, Judith A.
Rowe, David C. *See* Plomin, Robert.
Rubenstein, Judith L., and Howes, Carollee. Caregiving and infant behavior in day care and in homes ..... 1
Rubin, Rosalyn A., and Balow, Bruce. Measures of infant development and socioeconomic status as predictors of later intelligence and school achievement ..... 225
Runyan, William McKinley. Perceived determinants of highs and lows in life satisfaction ..... 331
Rushton, J. Philippe. *See* Grusec, Joan E.

Saarni, Carolyn. Children's understanding of display rules for expressive behavior ..... 424
Sadalla, Edward. *See* Eisenberg-Berg, Nancy.
Sawin, Douglas B., and Parke, Ross D. Development of self-verbalized control of resistance to deviation ..... 120
Schmidt, Constance R., Paris, Scott G., and Stober, Sheila. Inferential distance and children's memory for pictorial sequences ..... 395
Seidman, Edward. *See* Herzberger, Sharon D.
Sexton, Michael A., and Geffen, Gina. Development of three strategies of attention in dichotic monitoring ..... 299

Shishko, Stephanie A. *See* Toppino, Thomas C.
Siegel, Alexander W., Allen, Gary L., and Kirasic, Kathleen C. Children's ability to make bidirectional distance comparisons: The advantage of thinking ahead ..... 656
Siegel, Linda S. *See* Buckley, Norman.
Siegler, Ilene C., George, Linda K., and Okun, Morris A. Cross-sequential analysis of adult personality ..... 350
Siegler, Robert S., and Richards, D. Dean. Development of time, speed, and distance concepts ..... 288
Sigel, Irving E. *See* Emmerich, Walter.
Simutis, Zita M. *See* Gursec, Joan E.
Singleton, Louise C. *See* Asher, Steven R.
Somerville, Susan C. *See* Wellman, Henry M.
Speer, James Ramsey, and Flavell, John H. Young children's knowledge of the relative difficulty of recognition and recall memory tasks ..... 214
Spelke, Elizabeth S. Perceiving bimodally specified events in infancy ..... 626
Spence, Janet T., and Helmreich, Robert L. Comparison of masculine and feminine personality attributes and sex-role attitudes across age groups ..... 584
Stober, Sheila. *See* Schmidt, Constance R.
Suls, Jerry, and Kalle, Robert J. Children's moral judgments as a function of intention, damage, and an actor's physical harm ..... 93
Susman, Elizabeth J. *See* Friedrich-Cofer, Lynette K.

Tavormina, Joseph B. *See* Henggeler, Scott W.
Telleen, Sharon. *See* Marcus, Robert F.
Tew, John D. *See* Brodzinsky, David M.
Thronesbery, Carroll. *See* Lachman, Janet L.
Ting, George. *See* Field, Tiffany M.
Tinsley, Barbara R. *See* Asher, Steven R.
Tolan, William. *See* Main, Mary.
Tomasini, Lisa. *See* Main, Mary.
Toppino, Thomas C., Lee, Nancy D., Johnson, Peder J., and Shishko, Stephanie A. Effect of perceptual pretraining on children's concept performance with nonpreferred relevant dimensions: Evidence for the role of attentional strategies ..... 190
Trepanier, Mary L., and Liben, Lynn S. The operative basis of performance on Piagetian memory tasks: Evidence from normal and learning disabled children ..... 668
Turnure, James E. *See* Gutmann, Arlyne J.

Urberg, Katheryn A. Sex role conceptualizations in adolescents and adults ..... 90

Vandell, Deborah Lowe. Effects of a playgroup experience on mother–son and father–son interaction ..... 379

Wale, Jocelyn. *See* Geffen, Gina.
Walker, Lawrence J., and Richards, Boyd S. Stimulating transitions in moral reasoning as a function of stage of cognitive development ..... 95
Waterman, Alan S. *See* Whitbourne, Susan Krauss.
Weisz, John R. Perceived control and learned helplessness among mentally retarded and nonretarded children: A developmental analysis ..... 311
Wellman, Henry M., Somerville, Susan C., and Haake, Robert J. Development of search procedures in real-life spatial environments ..... 530
Wertlieb, Donald, and Rose, David. Maturation of maze behavior in preschool children ..... 478
Whatley, J. L. *See* Eckerman, C. O.
Whitbourne, Susan Krauss, and Waterman, Alan S. Psychosocial development during the adult years: Age and cohort comparisons ..... 373
Wilkening, Friedrich. Combining of stimulus dimensions in children's and adults' judgments of area: An information integration analysis ..... 25

Yamamoto, Kaoru. Children's ratings of the stressfulness of experiences ..... 581
Yarczower, Matthew, Kilbride, Janet E., and Hill, Linda A. Imitation and inhibition of facial expression ..... 453
Yarrow, Leon J. *See* Jennings, Kay D.
Yussen, Steven R., Levin, Joel R., Berman, Linda, and Palm, Jane. Developmental changes in the awareness of memory benefits associated with different types of picture organization ..... 447

## OTHER

Acknowledgment ..... 49, 103, 298, 363, September b, 625
Call for nominations ..... January b, March b
Instructions to authors ..... 119, 255, 385, September b, November b
Manuscripts accepted for publication ..... 86, 184, 319, 405, 521, 646
Notice on author alterations ..... 72, 112
Scarr appointed editor, 1981–1986 ..... 494, 665